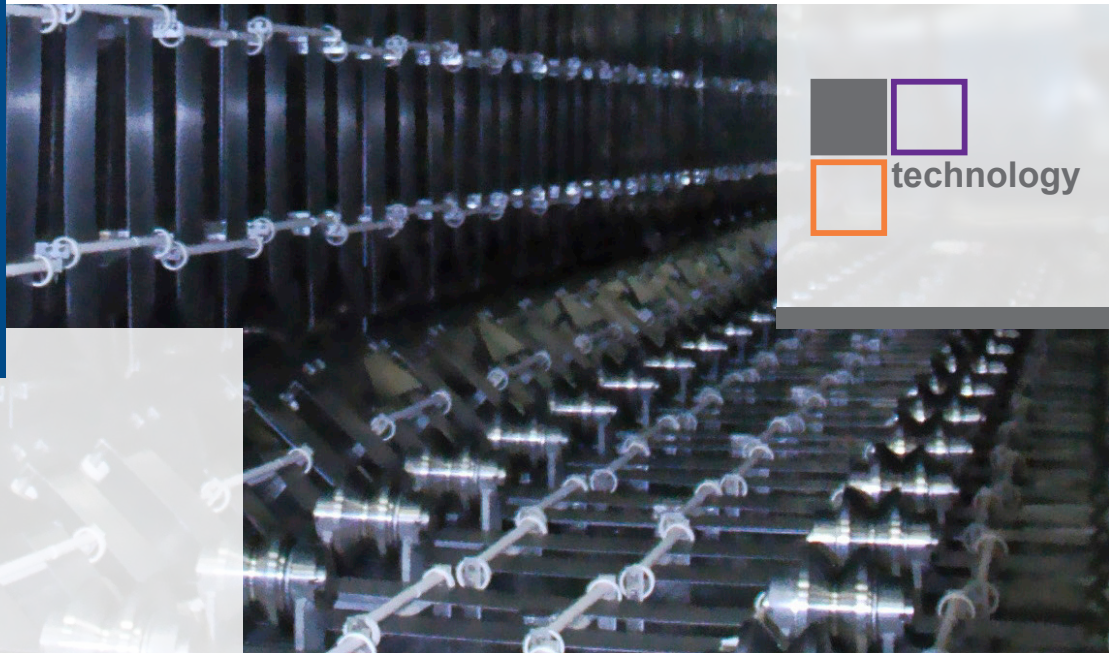


Vacuum Aluminum Brazing Furnaces



Solutions that Advance

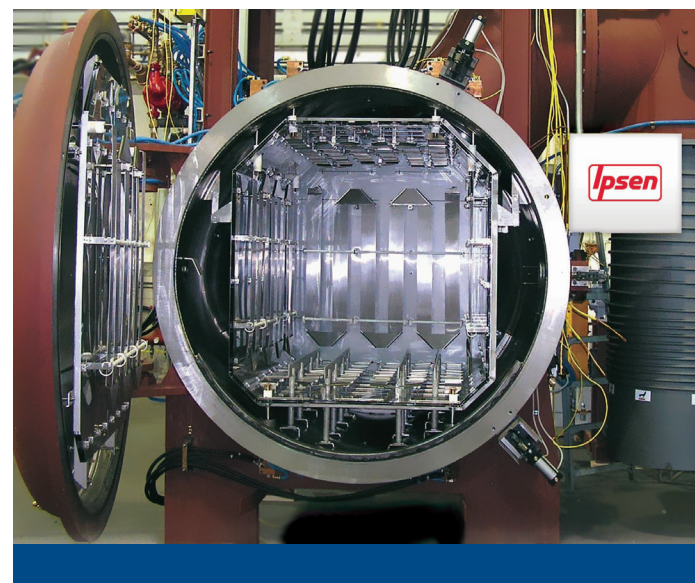
Seeking superior, repeatable brazing results? Look no further.

Ipsen's vacuum aluminum brazing (VAB) furnaces are the ultimate choice when the goal is advancing your customers. Ideal for a variety of workload and throughput needs, VAB furnaces deliver solutions for all of your brazing needs – from shortening lead times to producing high-quality parts.

VAB furnaces offer minimized cycle times and uniform heating of the workload with the use of individually controlled heating elements that surround the work zone. It also features joint-free heating elements that help eliminate resistance buildup and hot spots, resulting in a final product whose quality speaks for itself.

Benefits:

- Process demanding part geometries with advanced recipe flexibility that allows for tightly controlled brazing processes
- Achieve ideal component output with minimized distortion
- Reduce oxidation and discoloration from heat treatment processing for bright, clean parts
- Eliminate corrosive residue through the use of fluxless brazing alloys, which can be used because high temperature and vacuum combine to reduce the oxide layer
- Achieve uniform heating and eliminate faults through the use of a folded, wide-band heating element design
- Capable of meeting applicable AMS 2750 and Nadcap requirements



For more information, contact
Sales@IpsenUSA.com or 1-800-727-7625

www.IpsenUSA.com/VAB





Our Story

Backed by nearly 70 years of experience, it is our mission to strengthen heat treatment through expert-driven solutions. We are committed to delivering proven technology for a range of applications that enable you to transform space exploration, improve titanium medical implants and develop more efficient cars and jet engines.

Innovation

Harold Ipsen founded Ipsen in 1948 with a vision of creating products and technologies that continuously push the boundaries of innovation to create a future of thermal processing excellence. His commitment to advancing technology is the inspiration behind our vision for the future; a future where we continue to strengthen and accelerate innovations in almost every industry. Whether it is our versatile heat treatment systems or advanced process technology, we aspire to provide cutting-edge solutions that continuously improve and refine your operations.

Technology

At the core of our solutions are atmosphere and vacuum heat-treating systems and supervisory controls systems, which are used in many mission-critical applications. This advanced equipment is developed for Aerospace, Automotive, Energy, Medical, Tool & Die and various industries across the globe. Leading our industry with more than 10,000 systems installed worldwide, we have the experience necessary to provide optimum technology that allows you to achieve maximum flexibility and meet strict industry demands. We offer global modular platforms, as well as custom designs for specialized processes and requirements.

Services

We also provide comprehensive service and support every step of the way, including assistance with developing your process, factory layout planning and integration with current production processes and factory operating systems. You can also count on our responsive Ipsen Customer Service (ICS) Team to help keep your equipment running at peak performance and minimize costly downtime through upgrades, retrofits, parts, maintenance, service and training.

With an extensive network of global locations and partnerships in America, Europe and Asia, along with representation in 34 countries, we continue to provide expert-driven solutions that strengthen heat treatment throughout the world.

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